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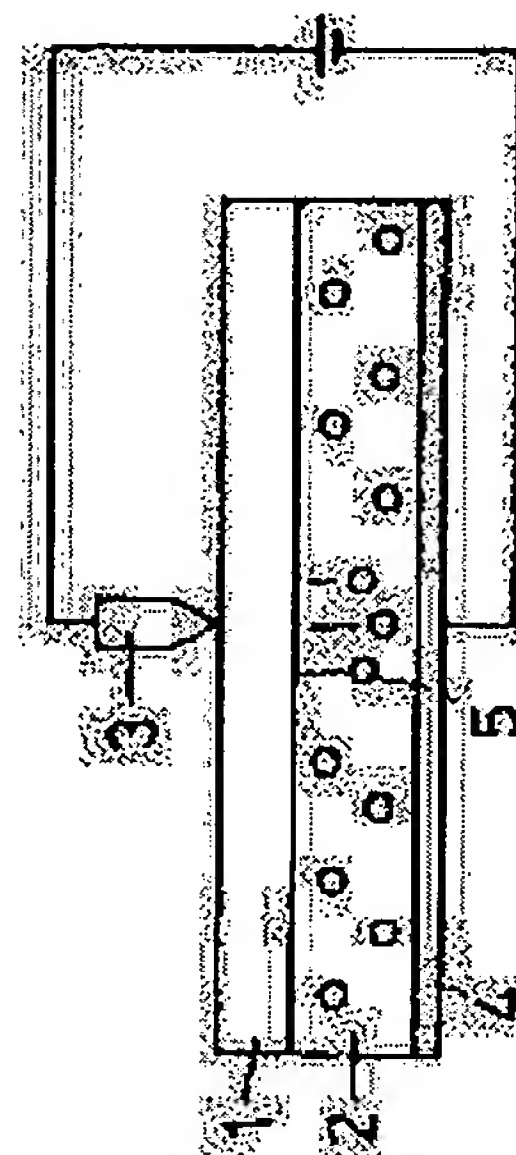
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(54) ELECTROTHERMORECORDING METHOD

(57)Abstract:

PURPOSE: To obtain an image which is efficient in light resistance and fastness, by a method wherein a material to be transferred is brought opposingly into contact with an ink layer prepared by dispersing charged coloring pigments into bonding agent to be fused by heating, the bonding agent is fused by heating, and the coloring pigment is transferred to the material to be transferred by impressing an electric field.

CONSTITUTION: It is necessary that bonding agent is high in insulation property, is solidified and liquefied by heating or cooling, and has a suitable melting point or the like. As coloring agents, those which are known in public such as polyethylene, polyethylene glycol, etc. can be used. When the material to be transferred 1 is opposingly brought into contact with an ink layer 2 and they are heated with an electric heat sensitive head 3, bonding agents of the ink layer 2 of a heated part are fused. When power is applied between the electric heat sensitive head 3 and an electrode 4 under this state, charged coloring pigments 5 show electrophoretic behaviour to be sucked onto the material to be transferred 1 side. Imaging and printing by pigments will become possible by above-mentioned constitution, and the light resistance and fastness thereof will be efficient.



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